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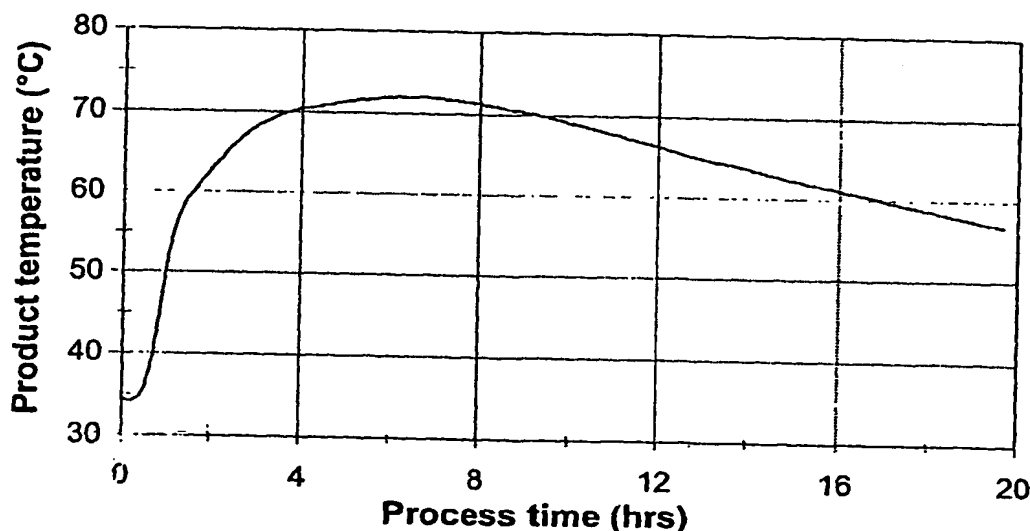
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(54) Title: CEMENTITIOUS PRODUCTS



(57) Abstract: A method of manufacturing a porous cementitious product, which method comprises: forming a cementitious pre-mix; casting the pre-mix in a desired configuration; generating gas bubbles within the pre-mix; and curing the pre-mix, wherein gas bubbles are generated and/or collapsed at specific locations within the pre-mix in order to produce a porosity profile along a cross-section of the product such that the product comprises a relatively low density core region and higher density outer regions. A method of manufacturing a porous cementitious product, which method comprises: forming a cementitious pre-mix; casting the pre-mix in a desired configuration; generating gas bubbles within the pre-mix; and curing the pre-mix, wherein gas bubbles are generated and/or collapsed at specific locations within the pre-mix in order to produce a porosity profile along a cross-section of the product such that the product comprises a relatively low density core region and higher density outer regions.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
C04B 21/00 - 21/12, 22/04, 38/02

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
WPAT, Espace@net, IPC (above) and keywords

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	WO 2003/022776 A (NEWCON INTERNATIONAL Ltd), 20 March 2003 Whole document	1-4, 8-9, 13-14, 16-18, 27-29, 31-34
X	US 5775047 A (JENSEN), 7 July 1998 Whole document	1-4, 8-9, 13-14, 16-19, 28-29, 31-34
Y	Patent Abstracts of Japan JP 07-138084 A (SUMITOMO OSAKA CEMENT Co. Ltd. YOOTAL:KK), 30 May 1995 See abstract & JP 07-138084 A, paragraphs [0019]-[0026]	1-4, 8-9, 13-14, 16-19, 28-29, 31-34

☒ Further documents are listed in the continuation of Box C ☒ See patent family annex

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C (Continuation).

DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	Patent Abstracts of Japan JP 2002-326882 A (ASAHI KASEI Corp.), 12 November 2002 See abstract & JP 2002-326882 A, paragraphs [0008]-[0012]	33-34 1-4, 8-9, 13-14, 16-19, 28-29, 31-34

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU2004/000055

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member	
WO	03022776	HK	1042818
US	5775047	CA	2204933
JP	07138084		
US	5762841		
JP	02326882		
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